PTO/SB/05 (08-03) (AW 10/2003)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		NSG-229US
First Inventor	Tak	ashi Tagami et al.
END SU	IRFAC	E LIGHT-EMITTING ELEMENT HAVING INCREASED

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

END SURFACE LIGHT-EMITTING ELEMENT HAVING INCREASED EXTERNAL LIGHT EMISSION EFFICIENCY AND SELF-SCANNING LIGHT-EMITTING ELEMENT ARRAY USING THE SAME

				Express Mail Label No.	EL 985 026 748	US	<u>0</u>		
	APPLICATION ELEMENTS			ADDRESS TO		Patent Application ner for Patents	s. P. 822		
See MPEP o	See MPEP chapter 600 concerning utility patent application contents.				VA 22313-1450	U.8			
		Form (e.g., PTO/SI			r CD-R in duplic Program (Appen	ate, large table or dix)	17497 10/7		
	Applicant claims See 37 CFR 1.2	small entity status. 7.		(if applicable, a	all necessary)	equence Submission	174		
- (i	- Descriptive title of Cross Reference Statement Regar	s to Related Application ding Fed sponsored R	ons	b. Specification i. CD-ii. pape		ng on:			
-		uence listing, a table, rogram listing appendi	ix	ACCOMPANYING APPLICATIONS PARTS					
	Background of the Brief Summary of	f the Invention		9. Assignment Papers (cover sheet & document(s))					
-	· Brief Description · Detailed Descript · Claim(s)	of the Drawings (if file tion	ed)	10. ☐ 37 C.F.R.§3.73(b) Statement ☐ Power of (when there is an assignee) Attorney					
_	- Abstract of the D			11. English Translation Document (if applicable)					
	awing(s) (35 <i>U</i>		— — .	12. ☐ Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449 ☐ Citations					
	Declaration Newly execute	(<i>Total F</i> d (original or copy)	Pages 3]	13. Preliminary Amendment					
b. ⊠	Copy from a pr	rior application (37 (tion/divisional with E	Box 18 completed)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
1.	Signed state	OF INVENTOR(S) ement attached delete prior application	eting inventor(s)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76				16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
				17. Other: Check Certificate of Express Mail					
				ly the requisite informati	on below and in a	a preliminary amendment	,		
		eet under 37 CFR 1.		+ (OID) -4		00 (700 500			
	☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09 / 762,520 Prior application information								
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
19. CORRESPONDENCE ADDRESS									
		ustomer Number	23122	OR [Correspond	lence address below			
Name									
Address									
City			State		Zip Code				
Country			Telephone		Fax				
Name (Prir	nt/Type)	Kenneth N. Nigon	1	Registration No. (Atto	Registration No. (Attorney/Agent) 31,549				
Signature		////M	1		Date	February 11, 2004			

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03) (AW 12/2003)
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CEE TO A NOMITTAL	C mplete if Kn wn						
FEE TRANSMITTAL	Application Number			Т	To Be Assigned		
for FY 2004	Filinç	Filing Date Herewith					
Effective 10/01/2003. Patent fees are subject to annual revision.	First	First Named Inventor Takashi Tagami et al.					
	Exan	Examiner Name Joseph H. Nguyen					
Applicant claims small entity status. See 37 CFR 1.27	Art U	 Init		2	815		
TOTAL AMOUNT OF PAYMENT (\$) 1060	 	Attorney Docket No. NSG-229US					
METHOD OF PAYMENT (check all that apply)	2 45	PITION	A1 5550		E CALCULATION (continued)		
	Large	3. ADDITIONAL FEES Large Entity Small Entity					
Deposit Account:	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Account 18-0350	1051	130	2051	65	Surcharge - late filing fee or oath		
Number Deposit	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		
Account RatnerPrestia	1053	130	1053	130	Non-English specification		
The Director is authorized to: (check all that apply)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
☐ Charge fee(s) indicated below ☐ Credit any overpayments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge any additional fee(s) or any underpayment of fee(s)	1805	1,840*	1805	1,840	 Requesting publication of SIR after 		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1251	110	2251	55	Examiner action Extension for reply within first month		
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month		
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within third month		
Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within fourth month		
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month		
1001 770 2001 385 Utility filing fee 770	1401	330	2401	165	Notice of Appeal		
1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filling fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
CLIDTOTAL (4)	1452	110	2452	55	Petition to revive – unavoidable		
SUBTOTAL (1) (\$) 770	1453	1,330	2453	665	Petition to revive – unintentional		
EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from Fee	1501	1,330	2501	665	Utility issue fee (or reissue)		
Claims below Paid	1502	480	2502	240	Design issue fee		
Total Claims	1503	640	2503	320	Plant issue fee	$\neg \neg$	
Claims 1 -3** = 0 X = 0	1460	130	1460	130	Petitions to the Commissioner		
Multiple 1 X 290 = 290	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per		
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	property (times number of properties) Filing a submission after final rejection (37		
1201 86 2201 43 Independent claims in excess of 3					CFR § 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid **Reissue independent claims over	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		
1204 86 2204 43 Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue daims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 290	Other	fee (spe	cify)				
**or number previously paid, if greater: For Reissues, see above		٠.	Basic Fili	ing Fe	ee Paid SUBTOTAL (3) (\$) 0		

SUBMITTED BY				Cor	mplete (if applicable)
Name (Print/Type)	Kennett N Nigon	Registration No. Attorney/Agent)	31,549	Telephone	(610)407-0700
Signature		67		Date	February 11, 2004
WARNING: Information on this form may become public. Credit card information should not					

be included on this form. Provide credit card information and authorization on PTO-2038.

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

CERTIFICATE OF MAI	Docket No.		
Applicant(s): Takashi Tag	NSG-229US		
Serial No.	Filing Date	Examiner	Group Art Unit
To Be Assigned	Herewith		
	E LIGHT-EMITTING ELEME AND SELF-SCANNING LIGH		
Utility Transmittal; Fee Drawings (8 sheets); C 1449 (2 pgs.); Check; F	Transmittal in duplicate; Speopy of Declaration/Power of	cification (13 pgs.); Claims Attorney from parent case	s (2 pgs.); Abstract (1 pg.); (3 pgs.); IDS (2 pgs.);
CFR 1.10 in an envelope Mail Stop Patent Applicat Commissioner for Patents	e United States Postal Service 'addressed to:		Addressee" service under 37
on February 11, 2004			
		Kathleen	Person Mailing Correspondence) Malling Correspondence)
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